

# HEALTH Nashville and Davidson County, TN 2002

Metropolitan Public Health Department of Nashville and
Davidson County, TN
311 23rd Avenue North
Nashville, TN 37203
http://healthweb.nashville.org

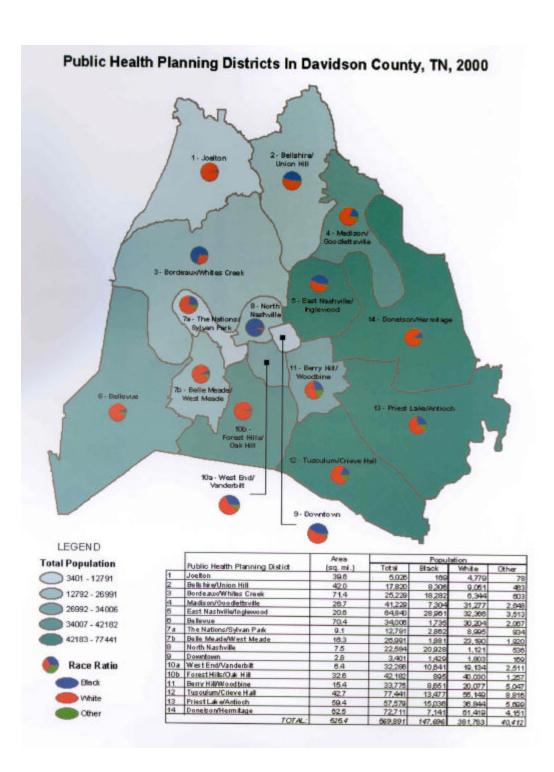
#### **Davidson County Community Health Assessment Series**

- No. 1 Davidson County Mortality Report 1995
- No. 2 Davidson County Natality Report 1996
- No. 3 The Health Status of Davidson County 1990 1996
- No. 4 The Health Status of Davidson County's Fourteen Planning Districts 1990 1996
- No. 5 Health Pulse Companion 1998
- No. 6 Notifiable Diseases 1990 1997 Davidson County, Tennessee
- No. 7 1997 Mortality Assessment, Davidson County, TN
- No. 8 Sexually Transmitted Diseases in the 1990's in Davidson County, Tennessee
- No. 9 Davidson County, Tennessee Fetal and Infant Mortality Report, 1989-1998
- No. 10. Health, Nashville and Davidson County, TN, 2002

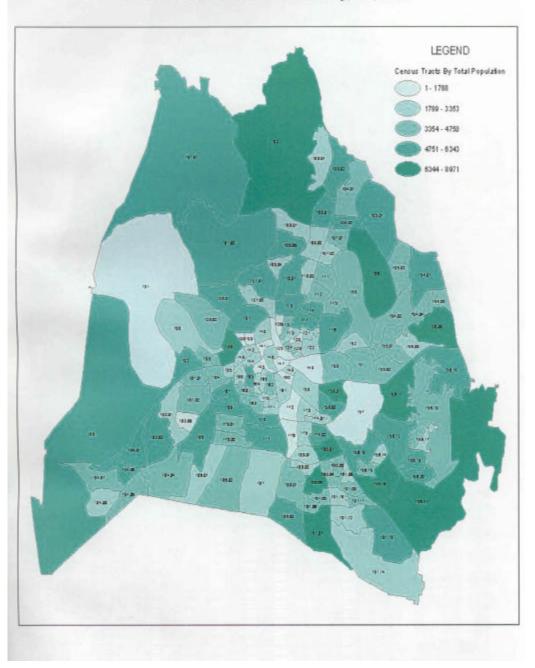


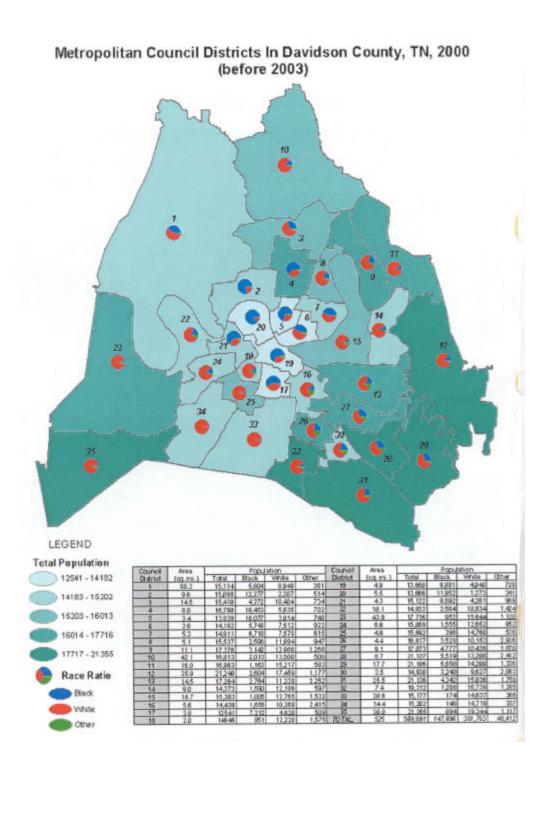
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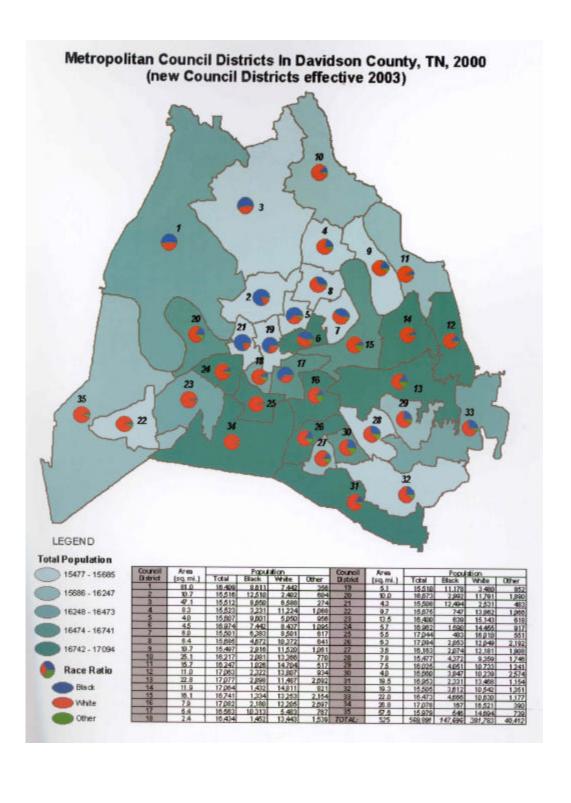
TRACT		TOTAL AREA	TOTAL POP.	BLACK	WHITE	OTHER	TRACT		TOTAL AREA		BLACK	WHITE	OTHER 445
101.01	43.8	19.3	6897	180	8322	87	196.12	3.2	3.2	5272	1796	3826 3025	461
101,02	193	19,2	6090 7102	4341 960	1612 6966	127	156.14	0.2	0.7	3130	602	1890	451
103.01	33.8	35.7	3:97	295	2811	81	156.15	0.7	0.9	4528	1140	2663	725
103.02	3.3 3.4 3.7	3.3	5968	290	2853	261	156.16	3.9	5.9	8971		8325	918
104.01	- 22	3.9	3/20	855 497	4852 2625	320	196.17	1.0	1.0	2630	2727 543	5325 2008	87
104,02	4.7	1.3	3432 5340	1003	3909	429	156.18	1.0	1.0	5771	1855	3633	313
105.01	1.2 6.0	7.4	6230		5808 4927	116	156.19	2.4	11.9	3509	747	3613 3613	313
105.02	9.7	9.5	5236 4286	193	3230	138	156.2	2.4	1.4	55644	1736	3535 5378 1238	571 508
106	27	3.1 8.1	7556	1480	5264 5307	416	156.21	20,4	27.5	7767 1508	1891	6378	508
987.81	1.3	13	7596 4220	597	5307	316	157	7.6	7.7	1505	1561	1238	114
107.02	1.0	1.3	3327	756	2122	449	158.01	1.4	1.4	7191 568A	1399	3783	2090
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109.01	2.5	2.1	2961	812	2034	115	160	0.5	0.5	1235	894	301	45
109.03	2.6 0.9 2.9	2.1 2.5 0.9	2961 4016	4004	730	146	191		1.2	2002	006	100	209
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116,02	1.4	1.4	2571 4219 4406	732	1556 3666	83	164	0.4	0.4	2952	96 361	2565 4253	901
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112	1.2	1.2	4406	934	3287	185	196	0.6	0.6	2240	205	1814	221
113	17	1.7	5514	2415	2941	456	967	1.3	1.3	5310	81	4991	220
114	1.2 1.7 1.0	1.0	5330	2415 3535	1508	207	168	6.9	0.7	5310 4261	81 93	3569	500
115	1.6	4.6	5330 4153	856	3141	162	160	0.9	0.9	4537	567	3746	224 71
116	3.1	12	5157	1591	3320	246	170	0.5	0.5	3017 2145	1602	1344	
117	1.3	1.3	5157 6160	2750	3108	302	171	6.7	0.7	2145	1530	532	84
118	0.6	0.6	4112	3097 2014	265 226	150	172	1.5 6.9 0.8	0.9	1607	126	1370	111
119	0.5	0.5	2468	2014	226	226	173	. 6.9	0.9	3303	455	2026	824
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121	0.6	0.6	2685	467	2078	130	174.02	1.3	1.3	1309		3763	842
122	1.0	1.0	3509	560	1783	236	175	1.1	1.1	3060	211	2817	265
123	0.4	0.4	2587	1049 2761	1300	238	176	1,4 5,3 1,6	1.4 3.3 1.6 1.8 1.5	1	0		
124	0.3	0.3	3657	2761	665	211	177	2.3	3.3	6236 5077 4347	0.0	5996 4909	165
125	1.1	1.2	234	146	78 507	11 52 108 60	178	1.6	5.6	5077	319	4909	.149
126	0.5	0.5	1788	1429	507	52	179.01	1.8	1.8	4347		4201	125
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128.01	3.4 5.1 5.7	3.5 5.3	5183	4270	800	113	181.01	1,3	1,3	4750	1036	3023	661 163
128.02	5.1	5.3	4507	3139 1232 163	1266	100	181.02	15 28 41	2.9 2.8	3661	70		143
130	5.7	35.0	2577 1777	1232	1265	60	182.01	2.8	2.8	3007	53	2903	151
131	34.2	35.0	1777	163	1617 6163	97	182.02		4.1	5232	541	4324	367
132	1.0	1.5	#243 4537	420	5153	671	182.03	1.7	1.1	1429		1402	17
133	1.1	1.1	4537	450	3408	641	163	12.0	53.2	6302	410	5667 5074	365
134	1,4	3.4	2587 2166	60	3427	91	184.01	8.2	2.5 5.2	5952	284	3674	454
135	0.5	9.5	2166	1112	907	147	184.04	9.2	5.2	4331	313	3738 4039	280
136	1.7	1.8	6860	8668	121	141	154.05	2.6 1.8	2.8	4358	125		194
137	2.6	0.3	\$203	678E	300	111	184.66	1,8	1.0	0213	236	5626	361 190
138	0.1		1000	1667	26	19	154.67	12	2.2	3674	130	3964 2755	180
139	0.4	0.4	1763	1666	32	42	184.08	2.4	2.2 2.4 4.1	5307	122	4720	100
140	1.0	1.1	2361	1505	352	- 81		4.1	4.1	3307	74	5030 2163	20
141	0.5	0.5	530	361	26 32 382 196 101	81 13 77	186.01	4.1	6.0	2268 +163	98 24 29	4033	80
142	0.4	0.4	2231		301		186.52	7.6	7.7	9715	30	9764	66
143	0.5	0.5	1947	1871	90	67	188.01	2.5	2.2	3215 4673	36 70	3094 4528	75.
544	0.7	0.7	2517 257	1949	30 301 213 1203 274	34	188.62	12	33	6001	333	5316	355
145	8.0	0.8	357	70	1707	74	189.01	13	13	9755	301	2191	352
146	0.8	0.8	2306	.69	1494	6	189.02	0.8	0.8	2735 2503 7043	183	2109	211
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150	2.5	25		421	3659	209	190,04	1.1	1.1	3884	816	2363	908
151	2.8	2.9	4080	212	2507	101	191,05	5.0	0.6	4630	720	3258	552
152	1.3	7.4	3671 4562	200		134	191,04	5.8 5.7	0.7	3616		3038	271
183	4.3	4.7	4004	210	4209	234	191,07	4.3	43	6616	1307	3038 5073	440
154,01	4.3		9081 4207	301	3752		191,01	0.0	4.3	6616 2991	1033	1524	434
154.02	3.2	1.5	3408		27.24	154 209 171	191,05	0.9	0.9	4485		2904	680 540
154,54	1.5	1.5		237 409	2962 3262	1777	181,1	1.0	1.0	2252	581	2904 2425	340
154.05	1.3	1.3	3861			172	195,11	0.9	0.9	3865	880	2543	447
155,61	28 21	2.8	3643	350 304	37179	165	191,12		28	2466	662	1647	442 337
155.62	2.1	2.1	4245 7860	304			191.12	2.6 5.7	5.7	4927	1107	3430	300
156.68	4.4	4.4	7890	1544	2465	120	191.14	114	13.4	1984		1755	390
156.09	1.8	1.4	2748 5243	224 366	4591	799	TOTAL	11.4 502.3	526,1	569,691	122	3430 1795 381,783	40,432
156,1	5.8	5.8	2022	1257	5627	254	TOTAL	900.4	30001	245,001	141,436	200140	40.434
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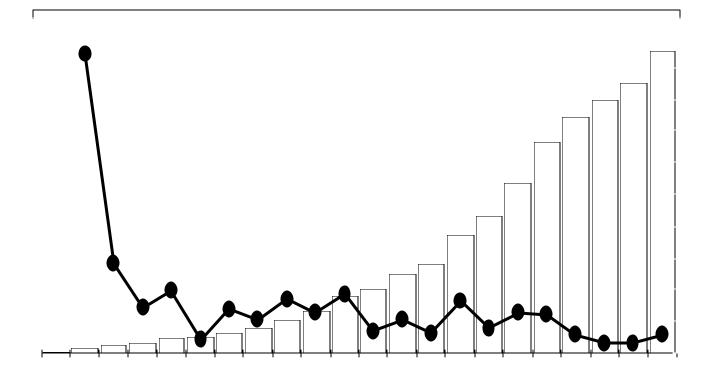


#### Census Tracts in Davidson County, TN, 2000



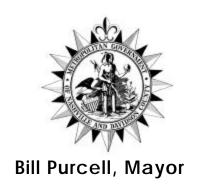






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# Health Nashville and Davidson County, TN 2002

#### Project Team

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Layout and design by Nancy Horner

#### Health, Nashville and Davidson County, TN, 2002

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#### Message from the Director of Health

I enjoyed reading this document. I will issue a caution, however; it is loaded with information useful for assuring that our collective efforts are targeted towards creating a healthy and **PREFERRED FUTURE** for our community. The Metro Public Health Department's mission is to provide health protection, promotion, and information products to everyone in Nashville so they can enjoy healthy living free from disease, injury, and disability. This document is an example of our products, the most comprehensive look at health status determinants for Nashville.

The opportunity to deliberately move towards obtaining the Healthy People 2010 objectives is now. On too many of the national benchmarks, Nashville comes out exceedingly below. On too many of the issues, the disparity gap has been evident for the past decade with no evidence of changing. Hopefully you will join with me in evaluating our total current efforts throughout the city in light of the data



Stephanie B. C. Bailey, MD, MSHSA Director of Health

and push to do the next thing, be earnest about putting into activity those best practices and lessons learned through research or experience; and courageously give up those things that are not "moving our numbers" towards healthier outcomes.

It is my pleasure to present *Health, Nashville and Davidson County, TN, 2002* to you. It will cause our departmental efforts to be more focused and I expect, yours. In eight years, we want the national report card to reflect that more of the 2010 objectives are met in this community rather than not.

#### Acknowledgements

Overall responsibility for preparing this report rested with the Division of Epidemiology, Bureau of Community Assessment and Health Promotion, under the general direction of Bart N. Perkey, Director of the Bureau.

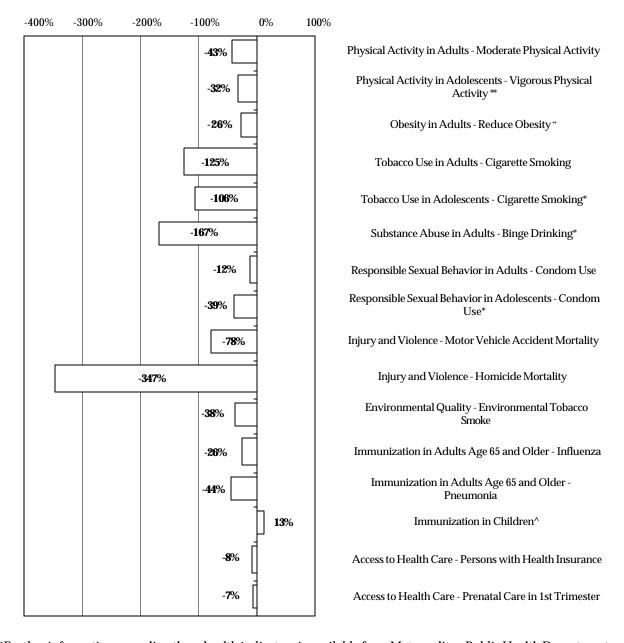
The project team consists of Dr. Jianshi (Jesse) Huang (Team Leader), Nancy Horner, Melissa Garcia, Brook McKelvey, Ami Sklar, and Jim Jellison.

We are greatly indebted to the following persons who gave their time, knowledge, and assistance. Dr. Stephanie Bailey, Bart Perkey, Dr. Brent Hager, Pamela Trotter, Denise Stratz, Jennifer Blackmon, Diane Schmitt, Gail Claybrooks, and Dr. Kimberlee Wyche-Etheridge of Metropolitan Public Health Department of Nashville and Davidson County reviewed parts or the entire manuscript. Frederick Huggins of the Division of Air Pollution Control contributed to section 2.1.2.2 of the report. Rhonda Brooks and Guinna Hall proofread the manuscript. Appreciation is expressed to Information Systems for technical support during the course of this project. Tom Spillman, Dr. Toni Bounds, Richard Lasater, and Bonnie Harrah of Tennessee Department of Health; Dr. Celia Larson of the Division of Research and Evaluation of the Metropolitan Public Health Department of Nashville and Davidson County; Jennifer Higgs of the Metropolitan Planning Commission; Jackie Vandercook of the Tennessee Bureau of Investigation; and Beverly Buchanan of the Metropolitan Nashville Police Department provided data support to this project.

# Selected Highlights: Healthy People 2010 Leading Health Indicators for Nashville, Tennessee

Percent Difference Between Nashville Rates and Healthy People 2010 Goals

Negative Percentages = Nashville not reached goal Positive Percentages = Nashville surpassed goal



<sup>\*</sup>Further information regarding these health indicators is available from Metropolitan Public Health Department but has not been included in this report.

<sup>\*\*</sup>A proxy measure was used to estimate adolescent vigorous activity in Nashville. See Technical Note 20 for more information.

<sup>++</sup>The obesity estimate for Nashville may be an underestimate. See Section 2.2.2 for more information.

<sup>^</sup>A proxy measure was used to estimate child immunization in Nashville. See Technical Note 21 for more information.

#### **Selected Highlights -- Healthy People 2010 Leading Health Indicators**

Indicator / Healthy People Objective	Brief Description	National 2010 Target	Nashville's Current Status	Difference between Nashville and 2010 Target
Physical Activity	*	3		
Objective 22-2	Adults - moderate physical activity	30%	17%	- 43%
3	Adolescents - vigorous physical			
Objective 22-7	activity	85%	58%	- 32%
Overweight and Obesity	·			
Objective 19-2	Adults - reduce obesity	15%	18.90%	- 26%
v	Adolescents - reduce overweight and			
Objective 19-3c	obesity	5 %	N D *	
Гоbассо Use	Ť			
Objective 27-1a	Adults - cigarette smoking	12%	27%	-125%
Objective 27-2b	Adolescents - cigarette smoking	16%	33%	-106%
Substance Abuse				
Objective 26-10a	Adolescents - no alcohol/illicit drugs	89%	N D	
Objective 26-10c	Adults - illicit drug use	3 %	N D	
Objective 26-11c	Adults - binge drinking	6 %	16%	-167%
Responsible Sexual Behavior				
Objective 13-6	Adults - condom use	50%	44%	-12%
Objective 25-11	Adolescents - condom use	95%	58%	- 39%
Mental Health				
Objective 18-9b	Treatment for depression	50%	N D	
Injury and Violence	·			
Objective 15-15a	Motor vehicle accident mortality	9	16	- 78%
Objective 15-32	Homicide mortality	3.2	14.3	- 3 4 7 %
Environmental Quality	·			
Objective 8-1a	Persons exposed to ozone pollution	0 %	N D	
Objective 27-10	Environmental tobacco smoke	45%	62%	- 38%
Immunization				
	Children age 19 to 35 months - fully			
Objective 14-24	immunized**	80%	90%	13%
-				
Objective 14-29a	Adults over age 65 - influenza vaccine	90%	67%	- 26%
•	Adults over age 65 - pneumococcal			
Objective 14-29b	vaccine	90%	50%	- 44%
Access to Health Care				
Objective 1-1	Persons with health insurance	100%	92%	-8%
Objective 1-4a	Source of ongoing care	96%	N D	
Objective 16-6a	Prenatal care in first trimester	90%	84%	-7%
*ND=No data available.	1			

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#### What is Health?

**Health** is a state of complete physical, mental, and social well-being and not merely the absence of disease or infirmity.

World Health Organization (WHO) 1946

**Health** is ... seen as a resource for everyday life, not the objective of living. Health is a positive concept emphasizing social and personal resources as well as physical capacities.

World Health Organization (WHO) 1986

